

Yorkshire Dales National Park

Forecast valid from 06:00 on Wednesday 05 Apr 2023 until 23:59 on Thursday 06 Apr 2023

Forecast Issued on Wednesday 05 Apr 2023 at 03:32

Confidence: High for overall evolution, but lower for timing of frontal system on Wednesday and shower detail on Thursday.

Headline for Wednesday 05 Apr 2023: Cloudy and increasingly misty and wet. Breezy.

Mountain weather hazards on Wednesday 05 Apr 2023

Blizzards

No Likelihood

Gales

No Likelihood

Thunderstorms

No Likelihood

Heavy persistent snow

No Likelihood

Severe chill effect

Medium Likelihood

Heavy persistent rain

High Likelihood

Storm force winds

No Likelihood

Poor visibility

High Likelihood

Strong sunlight

No Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
					
Light rain	Light rain	Light rain	Light rain	Heavy Rain	Heavy Rain
Precipitation probability					
60%	90%	>95%	>95%	>95%	>95%

Forecast for Wednesday 05 Apr 2023

Weather: Cloud thickening and lowering from the west with outbreaks of rain affecting western areas of the park at first then soon spreading further eastwards and reaching all parts. Outbreaks of rain then persist through daylight hours on Wednesday, occasionally giving some heavier bursts. By midnight the rain should become lighter and patchy.

Chance of cloud-free hill tops above 600m: Perhaps 60% at first but soon deteriorating to near zero for the remainder of Wednesday, especially on southwest facing summits.

Low Cloud and visibility: Moderate often poor visibility, with cloud bases lowering from 700m then persisting at around 300-400m, especially on southwest facing upslopes.

Forecast for Wednesday 05 Apr 2023

Height (m)	Wind Speed mean/gusts (mph)				Wind Direction (blowing from)		
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	13/19 S	14/21 S	15/21 S	14/19 S	14/20 S	10/16 S	8/12 SW
300	4/11 S	7/14 S	8/15 S	8/15 S	6/14 S	5/11 S	3/9 SW
Valley	2/13 S	6/16 S	7/15 S	7/15 S	6/14 S	4/11 S	3/8 SW

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	4/-0	4/-0	5/1	5/1	6/2	6/2	6/3
300	5/4	6/4	7/4	7/5	7/5	7/6	7/6
Valley	7/6	8/6	8/7	9/7	9/8	9/8	8/8
Freezing Level*	1900m	2000m	2100m	2000m	2000m	1900m	1700m

*Level above which ground is expected to be frozen/snow is expected to settle.

Meteorologist's View

As mentioned above often poor visibility soon developing, and wet conditions combined with breezy summit winds will give a significant chill at height.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
02:00 on Wed 05 Apr 2023	0mm	1.2mm	1.4mm

Forecast for Thursday 06 Apr 2023

Weather: Patchy rain and drizzle in the early hours, will gradually clear to showery conditions by daybreak. Showers could become heavy for a time in the first part of the day, with a low risk of thunder/hail, although some drier spells with sunshine. Showers generally becoming more isolated and probably lighter later in the afternoon and into the evening.

Maximum wind: West-Northwest 20mph, gust 30mph, decreasing later.

Chance of cloud-free hill tops above 600m: Near zero in the early hours but improving by daybreak to become 90% or more by early afternoon.

Low Cloud and visibility: Poor visibility with cloud bases around 200-400m in the early hours, but improving by daybreak with cloud breaking and gradually lifting through the morning, becoming largely clear of summits by early afternoon.

Temperature: **Valleys:** Plus 6 Celsius becoming Plus 11 Celsius in the afternoon.
At 600m: Plus 6 Celsius becoming plus 1 Celsius by late evening.
Freezing level: Above summits.